

Title (en)

Method and apparatus for dividing a package removed from a bird, comprising intestines, liver and heart with lungs, in separate parts.

Title (de)

Verfahren und Vorrichtung zum Trennen eines aus einem Geflügel entfernten Guts bestehend aus Eingeweiden, Leber und Herz mit Lungen.

Title (fr)

Procédé et dispositif pour diviser en parties séparées un ensemble enlevé d'une volaille comprenant les intestins, le foie et le coeur avec poumons.

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Application

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Abstract (en)

The invention provides a method and apparatus for dividing a package removed from a bird, comprising intestines (4), liver(5) and heart with lungs (6), in separate parts. Using said method and apparatus firstly the heart-lungs (6) assembly is cut loose from the package, whereafter the intestines (4) and liver (5) are separated. For cutting loose the heart-lungs assembly a cutting means (7,26) positioned alongside a conveyor (1,22) for the package may be applied, whereas the separation of the intestines and liver may be carried out through a separating means (12,27) cooperating with the conveyor. As conveyor a rotating disc (1) with reception slots (3) for packages may be considered; a chain conveyor (22) comprising carriers (23) with reception slots (24,25) is possible too. <IMAGE>

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IPC 8 full level

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Citation (search report)

- [X] EP 0439904 A1 19910807 - HARBEN III GROVER S [US]
- [XP] EP 0482700 A1 19920429 - STORK PMT [NL]
- [A] GB 1415153 A 19751126 - STORK BRABANT BV
- [A] BE 813138 A 19740731
- [A] GB 2004175 A 19790328 - ANDERSEN B
- [A] US 5041053 A 19910820 - ELLIS JAMES S [US], et al

Cited by

US6638155B2; EP2103222A1; EP1374687A1; NL1000799C2; US5549521A; EP1188381A1; EP0679336A1; NL9400665A; US5569067A; US7059953B2; WO2005036973A1; WO2021104650A1; US9648887B2; WO2017072063A1; US8303383B2; US8920222B2; US9004987B2; US10602747B2

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